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MEMORANDUM FOR THE RECORD	
SUBJECT: Concurrence in Letter Contract No. with ITEK Corporation, Boston, Mass., Project CORONA (AIR FORCE)	
1. This memorandum contains a recommendation submitted for concurrence of the undersigned. Such recommendation is contained in Paragraph 5.	
2. Letter Contract No covers the procurement of ten Individual Mensuration Viewers and Handbooks of Operation and Maintenance. This procurement is being made on behalf of the Air Force and is a part of the Joint Procurement Program for the Intelligence Community of Exploitation and Processing Equipment related to Project CORONA. The Letter Contract is being issued on a CFFF basis because of the development nature of five of the Viewers which are of a more advance design. It is anticipated that the Contract will be definitise by 31 January 1960 and will include an item for a Training Program of SAC personnel.	sd
3. Letter Contract No. obligates an amount of chargeable in Fiscal Year 1960	<u>_</u>
By concurrence to this memorandum the Comptroller signifies that sufficient funds are available for this obligation.	
4. Certification of funds for this contract will be handled under the procedure approved by the Director of Central Intelligence on 15 December 1956 which, in effect, results in all covert expenses involving issuance of Treasury Checks being accumulated in a separate account within the Finance Division. The amounts in this account will be periodically scheduled for certification of the vouchers by the Director. This procedure eliminates the necessity for a separate certification of authority under Section 8(b) of Public Lew 110, 81st Congress, (formerly 10(b) see 85-507 dtd 7/7/58) for each contract.	

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	5. Concurrence in Letter Contract No. is recommended.
	Contracting Officer, DPD
	CONCURRENCES:
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The Contractor shall utilize to the maminum extent the previous studies and analysis for reservy powered filling and trajectory conditions used in the Biomedical Encovery Capsule Progrem. These previous studies shall be medicised only to the extent necessitated by changes in the Mr. ? By design. If these changes affect traviously supplied technical inputs to LMSD, new impact will be supplied in report form. Points of particula faportages are:

- a. Optimum verro rocket engle. Platine to tree boulgontal.
- b. Velocity Increment, ecolor with history and reentry path.
- e. Recatty body dynamics.
- d. Dispension summary.
- e. Equations of motion and data pertinent to imput prediction calculations from tracking data at time of cutdom.
- f. Reentry and powered flight survival evaluation due to possible WS117L mission profile changes.

1.2 Recutty Body

The Contractor shall conduct studies and design analysis of the reentry body as required by changes from the Mk 2 SARV. A summary of such changes shall be furnished in technical report form.

1.3 Recovery System

The Contractor shall participate to operational analysis associated with the planning of the search and recovery operation.

1.4 Recovery Analysia

\ The Contractor shall submit a report of results of recovery analysis (laskeding dispersion) subtable for flight planning and poor flight comparison, if changes from the Mr & SARV so require.

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The Contractor shall furnish His with a locastic cooles of Ecgineering detecte on all dignification Mark 5 cooles and Engineering investigations. Yes a rejecto will consider of the "in-Equat" decreases reprise to the Contractor for the use and the forward to III the Economic for

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2.1	A Land S Recovery Venicla in 1997, and with the resider	
	Extowards likes in Hark 3 MV Possiled Developmental	
	Specification. Equipment decign for the Mr. 3 W shall be afone and the Mr. 2 shall when determined possible	
	by the Contractive.	
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Use a file	A Nami 3 Med A RV capability of 5 of shield deciga.	
2.3	A Mari: 3 Mod B By capability of colon shield design.	
2 6	The second secon	
	GSE modifications hits managericand by the differences	
	determined by the Conference and LL be provided as	
et i e	of the Ma 3 kv Program.	
2.5	Drawlings or envisorating at-	
	Drawingo or engineering sketches, complete sets of which will be furnished LAND.	
26	그 사람들은 사람들은 사람들이 살아왔다면서 그 사람들이 되었다. 그 그 그 그 사람들은 사람들이 되었다면 하는 사람들이 되었다.	
ت به ست	BATU's to simulate the resovery body with provision for Netatic-line and lanyard initiation of resovery requence.	NRO
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3.1 Drop Tests

The Contractor will direct, integrate and perform a series of ten (10) drop tests with the primary objective of developing and qualifying the SARV recovery subsystem.

ecret)

3.2 Ground Correlation Tests

Thermal and physical tests will be conducted at various facilities to provide correlation between data obtained in controlled ground base environments and flight data.

3.3 Other Tosts

In addition to the above, the Contractor shall conduct tests as required by the Mark 3 Detailed Developmental Specification.

4.0 Febrication, Processing and Shipping

4.1 Delivered equipment shall be developed and fabricated in the quantities shown in Attachment 1, Delivery Schedule. The Mark 3 Mod A units will be initially fabricated using glass shield design. The Mark 3 Mod B units will be initially fabricated using nylon shield design. The Contractor is responsible for providing spare components in accordance with quantities negotiated with IMSD. The Contractor shall recommend spare quantities to IMSD within 21 days after the initiation of the program.

4.2 Quality Assurance Provisions

Quality Assurance provisions shall be in accordance with Mark 3 Detailed Developmental Specification.

- 4.2.1 Where specific hardware delivered differs from the design as indicated in section 2.5, drawing change instructions or marked engineering sketches will be furnished LMSD which describe the specific hardware delivered.
- 4.2.2 The Contractor shall provide special quality measurements at remote-sites.

4.3 Shipment

Mk 3 RV units and RATU's will be furnished FOB Philadelphia. Shipment shall be as early as possible, and in accordance with the estimated delivery schedule, Attachment 1.

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4.4 Utilization Plan

The plan for utilization of the Mark 3 RV shall be as follows:

- 10 - 10 - 10	FLICET	DACK-UP
First Mork 3 Flight	Mod A (419)	Mod A (420)
Second Mark 3 Flight (a) If first flight shid recovered		Mod A (420) converted to Mod B
(b) If first flight shid is not recovered	11d Mos (620)	Mod B (421) converted to Mod A

5.0 Progress Operation

5.1 Component Retrofit

Mk 3 RV field modification and exponent retrofit operations shall be accomplished by LMSD with the assistance of Contractor personnel. Contractor recommended field modification or retrofit plans shall be submitted for approval to LMSD in order to establish a spatibility with and conformance to launch plan and untdown requirements.

5.2 Preflight Checkout

Mk 3 RV will receive system assembly and checkout by IMSD. The complete system will then inhipped by IMSD to see launch site where the system of sout will be repeated and the equipment readied for file by IMSD. The Contractor will provide experienced engine and technician assistance.

5.3 Post Flight Operations

The Contractor shall examine the Mk 3 RV and data records after recovery, inspection and removal of the payload by LMSD. The recovered Reentry Vehicle will be shipped to the Contractor immediately, for his analysis and retention. The Contractor shall determine, insefar as is practicable, the functional performance of the individual major components. The Contractor shall submit a complete technical report covering this inspection within 30 days following receipt of the RV.

Approved For Release 2002/10/21 CIA RDP63-00313A000600140019-1

As a minimum, this report shall include an Engineering analysis of the recovered vehicle, with design criteria and correlation thereto.

5.4 Technical Support

The Contractor shell provide field technical support for Work Statement Items 1.3, 1.4, 2.6, 5.1, 5.2, and 5.3.

Approved For Release 2000/10/21: RNA-RDP63-00313A000600140019-1

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